

In the Claims: (strikethrough parts deleted and underlined parts added)

Please delete Claims 10, 11 without prejudice or disclaimer.

1. (Withdrawn)

2. (Withdrawn)

3. (Withdrawn)

4. (Withdrawn)

5. (Withdrawn)

6. (Withdrawn)

7. (Withdrawn)

8. (Withdrawn)

9. (Currently Amended) A method of producing a custom insole for footwear, comprising the steps of:

- (a) taking measurements of a foot;
- (b) creating a foot profile based upon said measurements;
- (c) transferring said foot profile to a manufacturing station; and
- (d) producing said custom insole from said foot profile;

wherein said step (d) producing said custom insole is comprised of the following steps:

- I. generating a positive impression within a mold based upon said foot profile
- II. injecting a liquid resin into said mold formed upon said positive impression; and
- III. removing said custom insole after said liquid resin has hardened.

wherein said step a. generating a positive impression is comprised of the following steps:

- a. manipulating a plurality of pins beneath a membrane within a forming unit of said mold to reflect said positive impression; and
- b. resetting said plurality of pins after said step (III) is completed.

10. (Canceled)

11. (Canceled)

12. (Currently Amended) The method of producing said custom insole for footwear of Claim 11 9, wherein step (c) transferring said foot profile utilizes a global computer network.